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PATENT ABSTRACTS OF JAPAN

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SUDO MASAKO**(54) **ELECTROPHOTOGRAPHIC SENSITIVE BODY** COPYRIGHT: (C)1988,JPO&Japio

(57) Abstract:

PURPOSE: To enhance sensitivity, to reduce variances in sensitivity and acceptance potential even during repeated uses, and to enhance durability by forming a photosensitive layer containing a specified azo compound on a conductive substrate.

CONSTITUTION: The electrophotographic sensitive body has on the conductive substrate the photosensitive layer containing one of the diazo compounds represented by the formula shown on the right in which R is H or the like; Ar is an aromatic hydrocarbon group optionally linked through a bonding group or the like; and n is an integer of 1W4. Since these azo compounds generate charge carriers in extremely high efficiency when they absorb light, they are suitable for the constituent of the charge generating layer of the laminate type photosensitive body. The charge generating layer is obtained by dissolving or dispersing the azo compound of the formula into a proper solvent alone or together with a binder polymer, and coating the conductive substrate with this obtained coating solution, and drying it.

